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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Agere Systems Inc.Application No./Patent No.: 09/977,045 Filed/Issue Date: October 12, 2001Entitled: **PROGRAMMABLE FEEDBACK DELAY PHASE-LOCKED LOOP FOR HIGH-SPEED INPUT/OUTPUT TIMING BUDGET MANAGEMENT AND METHOD OF OPERATION THEREOF**

Agere Systems Inc., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

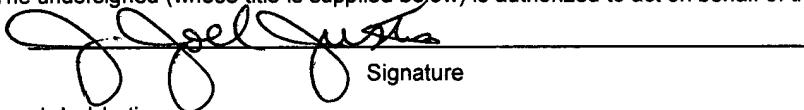
1. From: Inventor(s) To: Agere Systems Guardian Corporation  
The document was recorded in the United States Patent and Trademark Office at  
Reel 012497, Frame 0488, or for which a copy thereof is attached.
2. From: Agere Systems Guardian Corporation To: Agere Systems Inc.  
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Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
J. Joel Justiss  
SignatureJune 10, 2005

Date

972-480-8800

Telephone Number

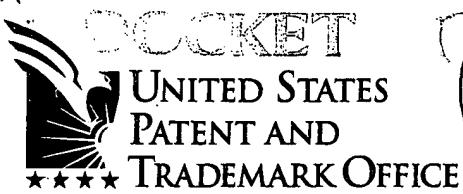
Printed or Typed Name

Attorney for Applicant

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



AGER 123287

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MARCH 20, 2002

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HITT GAINES & BOISBRUN, P.C.  
GLENN W. BOISBRUN  
P.O. BOX 832570  
RICHARDSON, TEXAS 75083

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*101963118A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/14/2002

REEL/FRAME: 012497/0488  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
FINDLEY, RANDALL L.

DOC DATE: 10/26/2001

ASSIGNOR:  
GHOSHAL, SAJOL C.

DOC DATE: 10/26/2001

ASSIGNOR:  
BEERS, GREGORY E.

DOC DATE: 10/26/2001

ASSIGNEE:  
AGERE SYSTEMS GUARDIAN CORPORATION  
9333 S. JOHN YOUNG PARKWAY, ROOM  
301E1211  
ORLANDO, FLORIDA 32819

SERIAL NUMBER: 09977045  
PATENT NUMBER:

FILING DATE: 10/12/2001  
ISSUE DATE:

012497/0488 PAGE 2

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

OIPE  
JUN 13 2005

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U.S. Department of Commerce  
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**PATENT**

BEERS 1-2-2

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**Submission Type**

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**Conveyance Type**

Assignment  Security Agreement  
 License  Change of Name  
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**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
 Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

10 26 2001

Name (line 1) Randall L. Findley

Name (line 2)

**Second Party**

Execution Date  
Month Day Year

10 26 2001

Name (line 1) Sajol C. Ghoshal

Name (line 2)

**Receiving Party**

Mark if additional names of receiving parties attached

If document to be recorded  
is an assignment and the  
receiving party is not  
domiciled in the United  
States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

Name (line 1) Agere Systems Guardian Corporation

Name (line 2) a Corporation of Delaware

Address (line 1) 9333 S. John Young Parkway; Room 301E1211

Address (line 2)

Address (line 3) Orlando

City

Florida

State/Country

32819

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**FOR OFFICE USE ONLY**

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

OCT 15 2002  
JAN 14 2002

**Correspondent Name and Address**

Area Code and Telephone Number (972) 480-8800

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments.

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**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month  Day  Year

**Patent Cooperation Treaty (PCT)**

PCT  PCT  PCT

Enter PCT application number

only if a U.S. Application Number PCT  PCT  PCT   
has not been assigned.

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:

Deposit Account

Enclosed

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees:

Yes

No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Glenn W. Boisbrun

00/44

11/30/2001

Name of Person Signing

Signature

Date



DOCKET NO. BEERS 1-2-2

PATENT

ASSIGNMENT

For value received, we, Randall L. Findley, of Austin in the County of Travis and the State of Texas, and Sajol C. Ghoshal, of Austin in the County of Travis and the State of Texas, and Gregory E. Beers, of Austin in the County of Travis and the State of Texas, hereby sell, assign and transfer to Agere Systems Guardian Corporation, a corporation of the State of Delaware, having an office at 9333 S. John Young Parkway; Room 301E1211, Orlando, Florida 32819, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to "PROGRAMMABLE FEEDBACK DELAY PHASE-LOCKED LOOP FOR HIGH-SPEED INPUT/OUTPUT TIMING BUDGET MANAGEMENT AND METHOD OF OPERATION THEREOF" described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Guardian Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Guardian Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Guardian Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Guardian Corporation in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Guardian Corporation may designate.

We agree that, when requested, we shall, without charge to Agere Systems Guardian Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

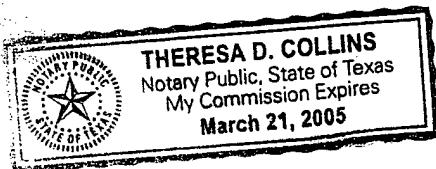
R. L. Findley

Randall L. Findley

STATE OF Texas  
COUNTY OF Travis

§  
§  
§

On this 26<sup>th</sup> day of October, 2001, before me personally came Randall L. Findley, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.





Notary Public

My Commission Expires:

3-21-05

*Sajol Ghoshal*

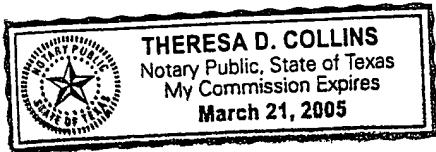
Sajol C. Ghoshal

STATE OF Texas

§  
§  
§

COUNTY OF Travis

On this 26<sup>th</sup> day of October, 2001, before me personally came Sajol C. Ghoshal, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



*Teresa D. Collins*  
Notary Public

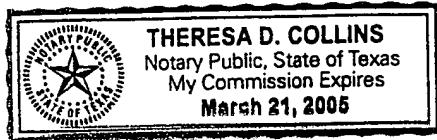
My Commission Expires:

3-21-05

*Gregory E Beers*  
\_\_\_\_\_  
Gregory E. Beers

STATE OF Texas §  
CITY OF Travis §  
COUNTY OF Travis §

On this 26<sup>th</sup> day of October, 2001, before me personally came Gregory E. Beers, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



*[Handwritten signature]*  
\_\_\_\_\_  
Notary Public

My Commission Expires:

3-21-05

Agere Systems Guardian Corporation  
9333 S. John Young Parkway; Room 301E1211  
Orlando, Florida 32819

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 09:00 AM 08/29/2002  
020545223 - 3268412

CERTIFICATE OF OWNERSHIP AND MERGER

OF

Agere Systems Guardian Corp.  
(a Delaware corporation)

INTO

Agere Systems Inc.  
(a Delaware corporation)

UNDER SECTION 253 OF THE GENERAL  
CORPORATION LAW OF THE STATE OF DELAWARE

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), DOES HEREBY CERTIFY:

FIRST: The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

SECOND: On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

RESOLVED that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp.

THIRD: That the merger authorized hereby shall become effective at 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

AGERE SYSTEMS INC.

By Paul Bento  
Paul Bento, Vice President

# Delaware

PAGE 1

## *The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION, WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

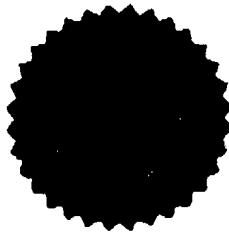
A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

---

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

3268412 8100M

020545223



AUTHENTICATION: 1959517

DATE: 08-29-02